

B. AMENDMENTS TO THE CLAIMS

Claims 1-3 have been cancelled without prejudice.

4. (Twice amended) A method for treating a patient in need of megakaryocytes, comprising administering to the patient isolated and purified enriched human mesenchymal stem cells in an amount effective to produce megakaryocytes, wherein said mesenchymal stem cells are allogeneic or autologous to said patient.
5. (Twice amended) A method for treating a patient in need of megakaryocytes comprising administering to the patient isolated and purified enriched human mesenchymal stem cells and CD34+ cells in an amount effective to produce megakaryocytes, wherein said mesenchymal stem cells are allogeneic or autologous to said patient.